| Index | of | Claims |
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Application/Control No.

10/796,584

Examiner

John F. Ramirez

Applicant(s)/Patent under Reexamination

BAKER, CLARK R.

Art Unit

3737

| <b>√</b> | Rejected |
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| 11       | Allowed  |

- (Through numeral)
Cancelled

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| Cla                                              | aim      | Date     |          |                                                  |                                                  |                                                  | $\neg$   | Cla            | im            | Date     |                |          |                 |                |          |          | 1        | Cla           | Date    |              |   |                                                  |          |          |          |          |              |          |          |          |                         |            |
|--------------------------------------------------|----------|----------|----------|--------------------------------------------------|--------------------------------------------------|--------------------------------------------------|----------|----------------|---------------|----------|----------------|----------|-----------------|----------------|----------|----------|----------|---------------|---------|--------------|---|--------------------------------------------------|----------|----------|----------|----------|--------------|----------|----------|----------|-------------------------|------------|
| <del>                                     </del> | Г—-      | _        |          | Г                                                | Γ.                                               | Ţ <u>-,</u>                                      | i –      | П              | Т             | $\dashv$ |                |          |                 | П              | T        | Ť        | Ť        | $\neg$        | Т       | 1            | 1 | ات                                               |          |          | $\neg$   |          | آ            |          |          | $\neg$   | $\neg$                  | $\dashv$   |
| <u></u>                                          | Original | 11/14/05 |          |                                                  |                                                  |                                                  |          |                |               | 1        | =              | Original | ╽               |                |          |          |          | - [           |         |              |   | <u></u>                                          | Original |          |          |          |              |          |          |          |                         |            |
| Final                                            | .g       | 7.       |          |                                                  |                                                  |                                                  |          |                |               |          | Final          | igi      |                 |                |          |          | - 1      |               |         | -            |   | Final                                            | .ij      |          |          |          |              |          |          |          |                         |            |
| <u> </u>                                         | ŏ        | =        |          |                                                  |                                                  |                                                  |          |                |               |          | "              | ŏ        |                 |                |          |          | - 1      |               |         |              |   | ш                                                | ŏ        |          |          |          |              |          |          | - 1      |                         |            |
| <u> </u>                                         |          |          |          | L.                                               | L                                                | <u> </u>                                         | _        | _              | _             | _        |                |          | $\sqcup$        | _              | 4        | 4        | 4        | 4             | 4       |              | Į |                                                  |          |          | _        |          |              |          | $\Box$   | $\dashv$ | 4                       | _          |
| <b></b>                                          | 1        | 1        |          | _                                                | L                                                | <u> </u>                                         | <u> </u> | _              | $\rightarrow$ | 4        |                | 51       | ⊢               |                | _        | 4        | _        |               | +       | -            |   |                                                  | 101      |          | _        |          |              |          |          | _        | _                       | _          |
| <u> </u>                                         | 2        | 1        |          |                                                  | <u> </u>                                         |                                                  |          |                |               | _        |                | 52       |                 |                | _        | _        |          |               |         |              |   |                                                  | 102      |          | _        |          |              |          |          |          |                         |            |
| <u> </u>                                         | 3        | 1        |          |                                                  |                                                  | <u> </u>                                         |          |                |               | _        | L              | 53       |                 |                |          | $\perp$  | _        |               |         |              | ] |                                                  | 103      |          |          |          |              |          |          |          |                         |            |
|                                                  | 4        | ٧        |          |                                                  | _                                                |                                                  |          |                |               |          |                | 54       |                 |                |          |          | $\perp$  | 丄             | ┸       |              | J |                                                  | 104      |          |          |          |              | j        |          |          |                         |            |
|                                                  | 5        | 1        |          |                                                  |                                                  |                                                  |          |                |               |          |                | 55       |                 |                |          | $\perp$  | $\perp$  |               |         |              | J |                                                  | 105      |          |          |          |              |          |          |          |                         |            |
|                                                  | 6        | 1        |          |                                                  |                                                  |                                                  |          |                |               |          |                | 56       |                 |                |          |          |          |               |         |              |   |                                                  | 106      |          |          |          |              |          |          |          |                         |            |
|                                                  | 7        | 1        |          |                                                  |                                                  |                                                  |          |                |               |          |                | 57       |                 |                |          |          |          |               |         |              | ] |                                                  | 107      |          |          |          |              |          |          |          |                         | ٦          |
|                                                  | 8        | 1        |          |                                                  | Γ                                                |                                                  |          |                |               | 7        |                | 58       | П               |                |          | П        | $\neg$   | $\neg \vdash$ | ╗       |              | 1 |                                                  | 108      |          |          |          |              |          |          | T        | T                       |            |
|                                                  | 9        | 1        |          |                                                  |                                                  |                                                  |          |                |               | 7        |                | 59       | П               | $\neg$         |          | T        |          | $\neg \vdash$ | $\neg$  | 7            | 1 |                                                  | 109      |          |          |          |              |          |          |          | $\neg$                  |            |
|                                                  | 10       | 1        |          |                                                  | Т                                                | Т                                                |          |                |               | <b>1</b> |                | 60       |                 |                |          | 寸        | $\dashv$ | $\top$        | $\top$  | $\top$       | 1 |                                                  | 110      |          | $\neg$   | $\neg$   |              |          |          | 寸        | $\dashv$                | ┨          |
|                                                  | 11       | 1        |          |                                                  |                                                  |                                                  | Г        | П              |               | $\neg$   |                | 61       |                 | $\dashv$       | $\dashv$ | $\dashv$ | 十        | +             | $\top$  |              | 1 |                                                  | 111      | $\vdash$ | ᅥ        | =        |              |          |          | $\dashv$ | $\neg$                  | $\dashv$   |
|                                                  | 12       | 1        | П        | Г                                                | Г                                                | t                                                |          | П              | $\Box$        | T        |                | 62       | $\vdash$        | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | $\top$        | $\top$  | $\top$       | 1 |                                                  | 112      | -        | 一        | _        | $\vdash$     |          |          | 寸        | $\neg$                  | $\neg$     |
|                                                  | 13       | Ì        | П        | -                                                |                                                  | $t^-$                                            |          | Н              | $\vdash$      | $\dashv$ | $\vdash$       | 63       | H               |                | _        | $\dashv$ | $\dashv$ | +             | +       | +            | 1 |                                                  | 113      | $\dashv$ |          |          |              |          | $\vdash$ | $\dashv$ | $\dashv$                | $\dashv$   |
|                                                  | 14       | Ì        | П        | $\vdash$                                         | $I^-$                                            | t                                                |          | Н              | $\dashv$      | 7        |                | 64       |                 | $\dashv$       | $\dashv$ | $\dashv$ | 十        | +             | +       | +-           | 1 |                                                  | 114      |          | $\dashv$ |          | $\vdash$     |          | -        | 7        | $\dashv$                | $\dashv$   |
|                                                  | 15       | V        | H        | $\vdash$                                         | <del>                                     </del> | $t^{-}$                                          | 1        | Н              | $\dashv$      | $\dashv$ |                | 65       | $\vdash$        | $\dashv$       | +        | +        | +        | +             | +       | +            | 1 | $\vdash$                                         | 115      | -        | $\dashv$ |          | $\vdash$     | $\vdash$ | $\vdash$ | +        | -+                      | $\dashv$   |
|                                                  | 16       | Ì        | Н        | ├──                                              | $\vdash$                                         | $\vdash$                                         |          | H              | $\dashv$      | $\dashv$ | $\vdash$       | 66       | $\vdash$        | $\dashv$       | $\dashv$ | -        | - -      | +             | +       | +            | 1 |                                                  | 116      |          |          | -        | $\vdash$     | -        | $\vdash$ | +        | $\dashv$                | $\dashv$   |
| $\vdash$                                         | 17       | V        |          | <del>                                     </del> | $\vdash$                                         | $\vdash$                                         | $\vdash$ | $\vdash$       | $\dashv$      | $\dashv$ |                | 67       | ┝╌┤             | $\dashv$       | +        | +        | +        | +             | +       | +-           | 1 |                                                  | 117      | $\dashv$ | $\dashv$ | -        | -            | _        | $\vdash$ |          | -                       | $\dashv$   |
| <del></del>                                      | 18       | 1        |          |                                                  | $\vdash$                                         | <del>                                     </del> | <u> </u> | $\vdash$       | $\dashv$      | $\dashv$ | $\vdash$       | 68       | <del>  </del>   | <del> </del> - |          | -        | -        | +             | +       | +            | 1 |                                                  | 118      |          | ┥        | -        | H            |          |          |          | +                       | -          |
| <b></b>                                          | 19       | 1        | -        |                                                  |                                                  | ├                                                | <u> </u> | -              | $\dashv$      | -        | $\vdash$       | 69       | Н               |                | -        | +        |          | -             | +       | +            | 1 | $\vdash$                                         |          |          |          | _        | _            |          |          |          | +                       | -          |
| $\vdash$                                         | 20       | 1        |          | _                                                | $\vdash$                                         | ┢                                                | $\vdash$ | Н              | $\dashv$      |          | <u> </u>       |          | ┥               | <b></b> ∤-     | -        | +        |          |               | +       | +-           | - | _                                                | 119      |          |          |          |              |          | Н        |          | 4                       | _          |
| <del></del>                                      |          |          |          | _                                                | <u> </u>                                         | <u> </u>                                         | <u> </u> | -              | -             | -        | <u> </u>       | 70       |                 |                | -        | -        | -+       | -             | +       | +            | - |                                                  | 120      | $\dashv$ |          |          |              |          |          |          | 4                       | 4          |
|                                                  | 21       | 1        |          |                                                  | <del> </del> —                                   | ⊢                                                |          |                | $\dashv$      | 4        |                | 71       | $\vdash$        | _              | 4        | 4        | -        |               | 4       |              | 1 |                                                  | 121      |          | _        |          | <u> </u>     |          |          | _        |                         | _          |
| <u> </u>                                         | 22       | 1        |          | _                                                | _                                                | <u> </u>                                         |          | Ш              |               | 4        |                | 72       | $\vdash$        | <del></del>    | _        | 4        | 4        | $\perp$       | 4       | $\perp$      | ļ |                                                  | 122      | $\Box$   | _        |          |              |          |          | _        | _                       | _          |
|                                                  | 23       | L        |          |                                                  | L                                                | <u> </u>                                         |          | Ш              | $\Box$        | _        |                | 73       | Ш               |                | _        | _        | 4        | _ _           | 4       | 4_           | Į |                                                  | 123      |          | _        | _        | $oxed{oxed}$ | _        |          | _        | 4                       | _          |
|                                                  | 24       | <u> </u> | Ш        | _                                                | L                                                | _                                                |          | Щ              | $\perp$       | _        |                | 74       | Ш               |                | _        | _        |          | _ _           |         |              | ļ |                                                  | 124      |          | _        | _        |              |          |          |          | $\perp$                 | _          |
|                                                  | 25       |          |          | _                                                | L                                                |                                                  |          |                |               | _        | L              | 75       |                 |                | _        | $\perp$  |          | $\perp$       | $\perp$ | <u> </u>     | ] |                                                  | 125      |          |          |          |              |          |          |          |                         |            |
|                                                  | 26       |          |          |                                                  | L                                                | L                                                |          | Ш              |               | _        |                | 76       |                 |                |          |          |          | $\perp$       |         |              | ] |                                                  | 126      |          |          |          |              |          |          |          |                         |            |
| <u> </u>                                         | 27       |          |          |                                                  | _                                                | L                                                |          |                |               |          |                | 77       |                 |                |          |          |          | _1_           |         |              | ] |                                                  | 127      |          |          |          |              |          |          |          |                         |            |
|                                                  | 28       |          |          |                                                  |                                                  |                                                  |          |                |               |          |                | 78       |                 |                |          |          |          |               |         |              |   |                                                  | 128      |          |          |          |              |          |          |          |                         |            |
|                                                  | 29       |          |          |                                                  |                                                  |                                                  |          |                |               |          |                | 79       |                 |                | T        | П        |          | 7             | Т       |              | } |                                                  | 129      |          |          |          |              |          |          |          | T                       |            |
|                                                  | 30       |          |          |                                                  |                                                  | Г                                                |          |                |               |          |                | 80       | П               |                | П        | T        |          |               | Т       |              | 1 |                                                  | 130      |          |          |          |              |          |          |          |                         |            |
|                                                  | 31       |          |          |                                                  |                                                  |                                                  |          | П              |               |          |                | 81       |                 | 一              | $\neg$   | T        |          | $\top$        | T       |              | 1 |                                                  | 131      |          |          |          |              |          |          | ヿ        | $\neg$                  | $\neg$     |
|                                                  | 32       |          | П        |                                                  | Г                                                |                                                  | П        | П              |               | $\neg$   |                | 82       | П               | $\dashv$       | $\dashv$ | 寸        | 十        | $\neg$        | 十       |              | 1 |                                                  | 132      |          | $\neg$   |          | П            | П        |          | 一        | _                       | $\neg$     |
|                                                  | 33       |          | П        |                                                  | Г                                                |                                                  |          | П              | 一             | $\neg$   |                | 83       | П               | $\dashv$       | $\dashv$ | $\dashv$ | $\dashv$ | _             | 1       | <del> </del> | 1 |                                                  | 133      | $\dashv$ | _        | $\neg$   | Н            | H        | $\dashv$ | _        | $\dashv$                | $\dashv$   |
|                                                  | 34       |          |          | _                                                | Ι_                                               |                                                  |          | П              | $\dashv$      | ┪        |                | 84       | $\Box$          | _              | $\dashv$ | 十        | 十        | 十             | $\top$  | 1            | 1 |                                                  | 134      | $\dashv$ | _        | $\neg$   | М            | $\vdash$ | $\vdash$ | -+       | $\dashv$                | $\dashv$   |
|                                                  | 35       |          | П        |                                                  |                                                  | Г                                                | П        | П              | $\dashv$      | ヿ        |                | 85       | $\Box$          | $\dashv$       | $\dashv$ | 十        | 十        | +             | +       |              | 1 | М                                                | 135      | -        | ᅥ        | $\neg$   | Н            | Н        |          | $\dashv$ | $\dashv$                | $\dashv$   |
|                                                  | 36       |          | $\vdash$ | _                                                |                                                  |                                                  |          | Н              | $\neg$        | $\dashv$ | $\Box$         | 86       | $\vdash$        | $\dashv$       | $\dashv$ | $\dashv$ | $\top$   | $\top$        | +-      | +-           | 1 |                                                  | 136      | $\dashv$ | 1        | $\dashv$ |              | -        | $\dashv$ | $\dashv$ | 一                       | $\dashv$   |
|                                                  | 37       | $\vdash$ | $\vdash$ | _                                                | <del>                                     </del> | $\vdash$                                         | $\vdash$ | $\vdash$       | $\dashv$      | $\dashv$ | $\vdash$       | 87       | Н               | $\dashv$       | +        | $\dashv$ | +        | +             | +       | +            | 1 | $\vdash \vdash \vdash$                           | 137      | $\dashv$ | $\dashv$ | $\dashv$ | Н            | $\vdash$ | $\dashv$ | -        | +                       | $\dashv$   |
|                                                  | 38       | H        | Н        |                                                  | <del>                                     </del> | <del>                                     </del> | Н        | H              | $\dashv$      | $\dashv$ | $\vdash$       | 88       | $\dashv$        | $\dashv$       | $\dashv$ | $\dashv$ | +        | +             | +       | +-           | 1 | $\vdash \vdash \vdash$                           | 138      | $\dashv$ |          |          |              | $\vdash$ | $\vdash$ | $\dashv$ | $\dashv$                | $\dashv$   |
|                                                  | 39       | $\vdash$ | $\vdash$ | _                                                | $\vdash$                                         | -                                                | $\vdash$ | H              | +             | $\dashv$ | H              | 89       | $\vdash$        | +              | +        | +        | +        | +             | +       | +            | 1 | <del>                                     </del> | 139      | -+       | $\dashv$ | -        | Н            | Н        | -        | $\dashv$ | $\dashv$                | $\dashv$   |
| <del>                                     </del> | 40       | -        | $\vdash$ |                                                  | $\vdash$                                         | $\vdash$                                         | $\vdash$ | H              | $\dashv$      | $\dashv$ | -              | 90       | $\vdash$        | +              | +        | +        | +        | +             | +       | +            | 1 | $\vdash\vdash\vdash$                             | 140      |          |          | -        | Н            | $\dashv$ | $\dashv$ | +        | -                       | $\dashv$   |
|                                                  | 41       | -        | $\vdash$ |                                                  | $\vdash$                                         | $\vdash$                                         | $\vdash$ | $\vdash\vdash$ | $\dashv$      |          | -              | 91       | $\vdash$        | $\dashv$       | $\dashv$ | +        | +        | +             | +       | +            | { | $\vdash \vdash \vdash$                           |          | $\dashv$ | -        |          | Н            | $\vdash$ |          | -        | $\dashv$                | $\dashv$   |
|                                                  | 42       | -        | Н        |                                                  | ├                                                | $\vdash$                                         | -        | Н              | +             | $\dashv$ | +              | 92       |                 | $\dashv$       | $\dashv$ | +        | +        | +-            | +       | +            |   | $\vdash \vdash \vdash$                           | 141      |          |          | $\dashv$ | Н            | $\vdash$ | $\dashv$ | -        | $\dashv$                | $\dashv$   |
| <u> </u>                                         | 42       | -        | $\vdash$ |                                                  | ├                                                | $\vdash$                                         | $\vdash$ | Н              | $\dashv$      | $\dashv$ | $\vdash\vdash$ |          | $\vdash$        | $\dashv$       | +        | +        | +        | +-            | +       | +-           |   | $\vdash \vdash \vdash$                           | 142      | $\dashv$ |          | _        | Н            | $\vdash$ | $\vdash$ |          | _                       | $\dashv$   |
|                                                  |          | -        | Н        |                                                  | $\vdash$                                         |                                                  | $\vdash$ | $\vdash$       |               | $\dashv$ | $\vdash$       | 93       | $\vdash \vdash$ | -              |          | -        | +        | +             | +       |              |   | $\vdash$                                         | 143      | $\dashv$ |          | _        | Ш            |          | $\sqcup$ | _        | $\dashv$                | $\dashv$   |
| <u> </u>                                         | 44       | Ь.,      | $\vdash$ |                                                  | <u> </u>                                         | $\vdash$                                         | Н        | Н              | -             |          | $\vdash$       | 94       | Н               | $\dashv$       | $\dashv$ | -        | 4        | +             | 4       | -            |   |                                                  | 144      |          | _        |          | Щ            |          |          | _        | 4                       | $\dashv$   |
|                                                  | 45       | <u> </u> | Ш        |                                                  | <u> </u>                                         | $\vdash$                                         | Ш        | Ш              | _             | _        |                | 95       | Ц               | _              | _        | 4        | 4        | $\perp$       | 4       |              |   |                                                  | 145      |          |          |          | Ш            |          |          |          | $\perp$                 | $\Box$     |
|                                                  | 46       | Ш        | Ш        |                                                  | <u> </u>                                         | <u> </u>                                         | L        | $\square$      | 4             | _        |                | 96       |                 | _              |          |          |          | $\perp$       | 4       | 4            |   | oxdot                                            | 146      |          |          |          | L            |          |          |          | $\perp$                 | $\Box$     |
|                                                  | 47       |          |          |                                                  | _                                                |                                                  |          | Ш              |               |          |                | 97       | Ш               |                | $\perp$  | $\perp$  |          | $\perp$       | $\perp$ |              |   |                                                  | 147      |          |          |          |              |          |          |          | $\perp$                 | $_{\perp}$ |
|                                                  | 48       |          |          |                                                  |                                                  | <u> </u>                                         | Ш        | Ш              |               |          |                | 98       |                 |                |          | $\perp$  | $\perp$  |               | L       |              |   | $oxed{oxed}$                                     | 148      | [        | [        | ]        |              |          |          | $\Box$   | $oldsymbol{\mathbb{I}}$ | $\Box$     |
|                                                  | 49       |          |          |                                                  |                                                  | 匚                                                |          | Ш              | $\perp$       | _        |                | 99       | Ш               |                |          |          | $\perp$  |               |         |              |   |                                                  | 149      |          |          | ]        |              |          |          | $\Box$   | J                       |            |
|                                                  | 50       |          |          |                                                  |                                                  |                                                  |          |                |               |          |                | 100      |                 |                | T        | T        |          |               |         |              |   |                                                  | 150      |          |          |          |              |          |          | T        | T                       |            |

